

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20030168309"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/20 13:20
S2	1	(10/095164).APP.	USPAT; USOCR	OR	ON	2006/11/21 07:43
S3	0	"20030168310"	USPAT; USOCR	OR	ON	2006/11/20 13:21
S4	2	"6892871"	USPAT; USOCR	OR	ON	2006/11/21 08:15
S5	1	"7036651".pn.	USPAT; USOCR	OR	ON	2006/11/21 07:45
S6	1	"6609604".pn.	USPAT; USOCR	OR	ON	2006/11/21 07:48
S7	2	"6892871"	USPAT; USOCR	OR	ON	2006/11/21 08:15
S8	2	S7 and encoder	USPAT; USOCR	OR	ON	2006/11/21 08:23
S9	5	"194"/\$.ccls. and laser and encoder and coin and denomination and controller and disk	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 08:24
S10	5	"194"/\$.ccls. and laser and encoder and coin and denomination and controller and disk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:24
S11	7	laser and encoder and coin and denomination and controller and disk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:26
S12	93	laser and coin and denomination and controller and disk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:26

EAST Search History

S13	1	"09658367"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 10:43
S14	1	"6612921".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 08:53
S15	1	"5106338".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 08:53
S16	40	geib.in. near joseph and coin	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:04
S17	10	peklo.in. near john and coin	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:05
S18	93	((wendell.in. near david) (blake.in. near john) (peklo.in. near john) (geib.in. near joseph) (mazur.in. near richard) (mecklenburg.in. near david)) and coin	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:13
S19	344	194/302,328.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:27
S20	309	453/57.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:29
S21	371	209/576,579.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:13
S22	32	382/136.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:24
S23	669	coin and laser and pulse and memory	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:25
S24	7	(S19 S20 S21 S22) and coin and laser and pulse and memory	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:31

EAST Search History

S25	295	disk and coin and laser and pulse and memory and (sort\$4! discriminat\$3!)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:33
S26	29	disk and coin and laser and pulse and memory and (sort\$4! discriminat\$3!) and denomination	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 09:33
S27	123	("2410845" "2983354" "3034643" "3171020" "3350802" "3409760" "3426879" "3636317" "3643068" "3671722" "3766452" "3829661" "3862400" "3882482" "3926291" "3953932" "3968582" "3983646" "3987278" "4026309" "4087092" "4139219" "4157829" "4191376" "4234214" "4283709" "4371071" "4373135" "4435911" "4449042" "4463250" "4480177" "4488678" "4506914" "4509632" "4567361" "4605846" "4638171" "D232367" "D237724" "D240053").PN. OR ("4814589").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 09:49
S28	139	("2410845" "2983354" "3034643" "3106706" "3109990" "3145291" "3171020" "3253126" "3350802" "3409760" "3421148" "3426879" "3524163" "3541310" "3543007" "3617707" "3636317" "3643068" "3671722" "3766452" "3768071" "3829661" "3862400" "3882482" "3890599" "3926291" "3953932" "3968582" "3983646" "3987278" "4026309" "4087092" "4139219" "4157829" "4160522" "4191376" "4234214" "4283709" "4293766" "4371071" "4373135" "4435911" "4449042" "4463250" "4480177" "4488678" "4493989" "4506914" "4509632" "4514815" "4567361" "4605846" "4638171" "D232367" "D237724" "D240053").PN. OR ("5283422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 09:49

EAST Search History

S29	7	("4089400" "4172222" "4371071" "5236074" "5283422" "5684597" "6142285").PN. OR ("7050159").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 09:51
S30	6	("4089400" "4172222" "4371071" "5236074" "5283422" "6142285").PN. OR ("6785412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 09:54
S31	29	("3124674" "4373726" "4494197" "4575622" "4755941" "4814589" "4882473" "4942464" "4991008" "5038022" "5083271" "5103081" "5110134" "5159549" "5166502" "5179517" "5249800" "5283422" "5287269" "5321241" "5362053" "5364106" "5371345" "5397133" "5470079" "5477952" "5613912").PN. OR ("6260757").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:01
S32	36	("4166574" "4383276" "4585931" "4652733" "4677604" "4744074" "4794238" "4806731" "4814589" "4961077" "4983815" "5016240" "5062021" "5108781" "5118369" "5129974" "5175425" "5210545" "5210672" "5216234" "5283422" "5489768" "5513169" "5706266" "5751471" "5761301").PN. OR ("5907144").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:02
S33	51	("2016036" "2131091" "2237132" "2539855" "2840213" "3012666" "3290796" "3421009" "3473036" "3480785" "3491234" "3496370" "3497304" "3541339" "3679314" "3807875" "3921003" "4015121" "4075507" "4082188" "4089400" "4136961" "4157139" "4172222" "4267916").PN. OR ("4371071").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:05

EAST Search History

S34	228	("0090906" "0446303" "1010993" "1234707" "1711049" "1813296" "1847940" "1945948" "2014505" "2317351" "2461314" "2569360" "2644470" "2865561" "2881774" "2960377" "3009555" "3056132" "3065467" "3132654" "3173742" "3599771" "3603327" "3788440" "3815717" "3941226" "3960293" "3969584" "4014424" "4036242" "4058954" "4059122" "4071740" "4099722" "4100925" "4106610" "4124109" "4141372" "4167949" "4172462" "4216461" "4225056" "4228811" "4230213" "4249552" "4266121" "4301909" "4306644" "4326620" "4346798" "4356829" "4360034" "4369442" "4369800" "4374557" "4380316" "4383540" "4398550" "4412292" "4412607" "4414467" "4434359" "4436103" "4503963" "4506685" "4509122" "4509633" "4512453" "4543969" "4554446" "4558711" "4587984" "4597487" "4598378" "4611205" "4616323" "4616776" "4620559" "4622456" "4694845" "4706577" "4706795" "4716799" "4723212" "4733765" "4753625" "4775353" "4775354" "4809837" "4814589" "4827423" "4831374" "4833308" "4866661" "4882724" "4883158" "4884672" "4895238" "4896791" "4898564" "4910672" "4915205" "4921463" "4936436" "4953086" "4959624" "4963118" "4964495" "4969549" "4978322" "4995848" "4997406" "5021967" "5022889" "5025139" "5027937" "5039848" "5040657" "5055657" "5056644" "5073767" "5083765" "5088587" "5091713" "5098339").PN. OR ("5098340" "5111927" "5113974" "5114381" "5135433" "5151684" "5166886" "5168961" "5173851" "5183142" "5195626" "5201396" "5219059" "5222584" "5226519" "5236339" "5251738" "5293981" "5299673" "5307811" "5316170"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:18
11/22/2006 7:16:10 AM C:\Documents and Settings\mikecullough\My Documents\EAST\Workspaces\10 798669.wsp						Page 5

EAST Search History

S35	151	("0446303" "1010993" "1234707" "1711049" "1847940" "1945948" "2014505" "2317351" "2461314" "2569360" "2865561" "2960377" "3009555" "3056132" "3065467" "3132654" "3173742" "3599771" "3603327" "3788440" "3815717" "3941226" "3969584" "4014424" "4036242" "4058954" "4059122" "4099722" "4100925" "4106610" "4124109" "4167949" "4225056" "4228811" "4230213" "4249552" "4266121" "4306644" "4326620" "4346798" "4356829" "4360034" "4369442" "4369800" "4374557" "4380316" "4383540" "4398550" "4412292" "4412607" "4434359" "4503963" "4509122" "4509633" "4543969" "4554446" "4558711" "4587984" "4598378" "4611205" "4616776" "4620559" "4622456" "4694845" "4706577" "4706795" "4716799" "4723212" "4733765" "4753625" "4775353" "4775354" "4809837" "4814589" "4831374" "4833308" "4883158" "4884672" "4896791" "4898564" "4910672" "4921463" "4936436" "4953086" "4959624" "4963118" "4964495" "4969549" "4978322" "4995848" "4997406" "5021967" "5025139" "5027937" "5039848" "5040657" "5056644" "5073767" "5083765" "5088587" "5091713" "5098339" "5173851" "5183142" "5219059" "5236339" "5251738" "5293981" "5299673" "5302811" "5316120" "5321242" "5330041" "5374814" "5388680" "5429222" "5441139" "5449058" "5469951" "5513738" "5560467" "5564546").PN. OR ("6047807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:22
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EAST Search History

S37	46	("3738469" "3739895" "3782543" "3797307" "3870137" "3921003").PN. OR ("4089400").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:27
S38	40	("4089400").URPN.	USPAT	OR	ON	2006/11/21 10:27

EAST Search History

S39	179	("0446303" "1234707" "20020011394" "2390147" "2621665" "2856561" "2931480" "3065467" "3132654" "3173742" "3297242" "3463171" "3589492" "3599771" "3603327" "3653481" "3680566" "3752168" "3797307" "3815717" "3818918" "3870137" "3901368" "3948280" "3952851" "3965912" "4036242" "4058954" "4059122" "4071740" "4089400" "4092990" "4099722" "4100925" "4106610" "4111216" "4148331" "4167949" "4184366" "4199744" "4228811" "4249552" "4266121" "4286704" "4334604" "4356829" "4360034" "4369800" "4380316" "4383540" "4398550" "4416365" "4434359" "4436103" "4437558" "4448297" "4460003" "4469213" "4471864" "4488116" "4503963" "4509542" "4509633" "4556140" "4558711" "4558712" "4574824" "4598378" "4611205" "4622456" "4625851" "4667093" "4706577" "4716799" "4723212" "4733765" "4753625" "4754862" "4809838" "4842119" "4872618" "4883158" "4884672" "4910672" "4914381" "4921463" "4926997" "4936435" "4936436" "4950986" "4953086" "4960196" "4964495" "4978322" "4995497" "4995848" "4997406" "5021967" "5025139" "5030165" "5039848" "5040657" "5042635" "5056644" "5067604" "5078252" "5083765" "5091713" "5098339" "5131885" "5145046" "5167571" "5173851" "5191957" "5199545" "5217100" "5219059" "5226520" "5236074" "5244070" "5254032" "5263566" "5279404" "5285883").PN. OR ("5291782" "5293979" "5293980" "5299673" "5316120" "5321242" "5323891" "5326312" "5346049" "5351798" "5379875" "5386901" "5386902" "5388680" "5392891" "5404985" "5431270" "5433310" "5439089" "5449058" "5457785" "5458775"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:29
11/22/2006 7:16:10 AM		C:\Documents and Settings\jmc\My Documents\EAST\Workspaces\10 798669.wsp	Page 8			

EAST Search History

S40	1	("2002/0011394").URPN.	USPAT	OR	ON	2006/11/21 10:33
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EAST Search History

S41	168	("0446303" "1234707" "2390147" "2865561" "3065467" "3132654" "3173742" "3297242" "3463171" "3589492" "3599771" "3603327" "3653481" "3680566" "3815717" "3818918" "3870137" "3901368" "3948280" "3952851" "3965912" "4036242" "4058954" "4059122" "4089400" "4099722" "4100925" "4106610" "4111216" "4148331" "4167949" "4184366" "4199744" "4228811" "4249552" "4266121" "4286704" "4334604" "4356829" "4360034" "4369800" "4380316" "4383540" "4398550" "4416365" "4434359" "4437558" "4448297" "4460003" "4469213" "4471864" "4488116" "4503963" "4509542" "4509633" "4556140" "4558711" "4558712" "4574824" "4598378" "4611205" "4622456" "4625851" "4706577" "4716799" "4723212" "4733765" "4753625" "4754862" "4809838" "4842119" "4872618" "4883158" "4884672" "4910672" "4914381" "4921463" "4926997" "4936436" "4950986" "4953086" "4960196" "4964495" "4978322" "4995497" "4995848" "4997406" "5021967" "5025139" "5030165" "5039848" "5056644" "5067604" "5078252" "5091713" "5098339" "5131885" "5167571" "5173851" "5191957" "5199545" "5219059" "5226520" "5236074" "5244070" "5254032" "5263566" "5279404" "5291782" "5293979" "5293980" "5299673" "5316120" "5321242" "5323891" "5326312" "5346049" "5351798" "5379875" "5386901" "5386902" "5388680" "5392891" "5404985" "5431270").PN. OR ("5433310" "5439089" "5449058" "5452785" "5458225" "5460256" "5469952" "5484334" "5489015" "5494145" "5494147" "5501633" "5515960" "5564546" "5620079" "5788046").PN. OR ("5988348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:35
11/22/2006 7:16:10 AM		C:\Documents and Settings\mrcullough\My Documents\EAST\Workspaces\10 798669.wsp	Page 10			

EAST Search History

S42	0	S13 and pulse and laser	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 10:43
S44	3	"09040017"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 10:45
S45	1	"09040017" and (encoder pulse laser)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 10:45
S46	1	(09/942064).APP.	USPAT; USOCR	OR	ON	2006/11/21 10:45

EAST Search History

S47	105	("3559789" "3672481" "3788440" "3795252" "3910394" "3921003" "3978962" "3980168" "3998237" "4098280" "4111216" "4172462" "4178502" "4234072" "4250904" "4254857" "4275751" "4326621" "4353452" "4359062" "4376442" "4383540" "4407312" "4416299" "4462513" "4466453" "4474281" "4483431" "4538719" "4543969" "4561457" "4564036" "4564037" "4570655" "4579217" "4586522" "4593709" "4607649" "4620559" "4667093" "4681128" "4681204" "4696385" "4715223" "4731043" "4746319" "4753624" "4753625" "4775354" "4850469" "4863414" "4864320" "4881918" "4921463" "4963118" "4964495" "4966570" "4971187" "4995497" "5002174" "5009627" "5011455" "5021026" "5022889" "5026320" "5033602" "5055086" "5067604" "5090576" "5106338" "5123873" "5141443" "5145455" "5163866" "5163867" "5194037" "5195626" "5197919" "5205780" "5209696" "5213190" "5230653" "5277651" "5286226" "5297598" "5299977" "5372542" "5401211" "5425669" "5429550" "5429551" "5443419" "5453047" "5468182" "5474497" "5480348" "5501632" "5525104" "5538468" "5542880" "5743373" "5782686" "5997395" "6139418" "6264545").PN. OR ("6612921"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:47
S48	19	("5480348").URPN.	USPAT	OR	ON	2006/11/21 10:58

EAST Search History

S49	64	("2109568" "2378828" "2642881" "2642882" "2675008" "2675009" "2679849" "2835260" "2906276" "2977961" "3016191" "3026982" "3246658" "3795252" "4086928" "4098280" "4234003" "4444212" "4506685" "4531531" "4543969" "4549561" "4557282" "4564036" "4564037" "4570655" "4586522" "4607649" "4620559" "4681128" "4731043" "4753624" "4775353" "4775354" "4863414" "4921463" "4966570" "4988860" "5009627" "5011455" "5022889" "5026320" "5055086" "5106338" "5123873" "5135433" "5141443" "5197919").PN. OR ("5474497"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:08
S50	0	(I17-I39) and (laser light)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:09
S51	975	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:10
S52	1812	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S42 S43 S44 S44 S45 S46 S47 S48 S49 S50 "I39")	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:10
S53	322	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S42 S43 S44 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light) and disk	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:11
S54	164	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S42 S43 S44 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light) and disk and memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:11
S55	148	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S42 S43 S44 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light) and disk and memory and compar\$5!	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:11

EAST Search History

S56	37	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light) and disk and memory and compar\$5! and denomination and coin	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:14
S57	35	(S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 "I39") and (laser light) and disk and memory and compar\$5! and denomination and coin not light adj weight	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 11:19
S58	1	"05046839" and fuji.as.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 11:36
S59	3	"4556140".pn. "4848556".pn. "5743373".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 11:41
S61	2	S59 and light	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 11:41
S62	3	S59 and (light laser pulse)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 14:01
S63	0	"5277651".pn. and light	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 14:02
S64	1	"5277651".pn. and (light laser pulse)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 14:54
S65	1	"10798669"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 14:55
S66	0	"10798669""10095256"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 14:56
S67	6	"10095256"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 15:11

EAST Search History

S68	11	"194"/\$.ccls. and laser adj diode	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/21 15:12
S69	29	(US-20020065033-\$ or US-20020011394-\$).did. or (US-6612921-\$ or US-5106338-\$ or US-6139418-\$ or US-5997395-\$ or US-5542880-\$ or US-5782686-\$ or US-5468182-\$ or US-5453047-\$ or US-5299977-\$ or US-5277651-\$ or US-5480348-\$ or US-5429550-\$ or US-5055086-\$ or US-6142285-\$ or US-5033602-\$ or US-5988348-\$ or US-5474497-\$ or US-5538468-\$ or US-6976570-\$ or US-6047807-\$ or US-5283422-\$ or US-4814589-\$ or US-6260757-\$ or US-4371071-\$ or US-5907144-\$ or US-7050159-\$). did. or (US-6766892-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/21 15:18
S70	17	S69 and (light laser)	US-PGPUB; USPAT	OR	ON	2006/11/21 15:26
S71	6	S69 and (laser)	US-PGPUB; USPAT	OR	ON	2006/11/21 15:26
S72	24	(US-20020065033-\$ or US-20020011394-\$).did. or (US-6612921-\$ or US-5106338-\$ or US-6139418-\$ or US-5997395-\$ or US-5542880-\$ or US-5782686-\$ or US-5468182-\$ or US-5453047-\$ or US-5299977-\$ or US-5277651-\$ or US-5480348-\$ or US-5429550-\$ or US-5055086-\$ or US-6142285-\$ or US-5033602-\$ or US-5988348-\$ or US-5474497-\$ or US-5538468-\$ or US-6047807-\$ or US-5283422-\$ or US-6260757-\$ or US-6766892-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/21 15:27
S73	3	S72 and laser	US-PGPUB; USPAT	OR	ON	2006/11/21 15:56
S74	2	S72 and laser and disk	US-PGPUB; USPAT	OR	ON	2006/11/21 15:57
S75	2	S72 and laser and disk and pulse	US-PGPUB; USPAT	OR	ON	2006/11/21 16:03
S76	1	S72 and laser and disk and pulse and rotation	US-PGPUB; USPAT	OR	ON	2006/11/21 15:57
S77	1	"5033602".pn. and memory	US-PGPUB; USPAT	OR	ON	2006/11/21 16:06
S78	0	"5033602".pn. and controller	US-PGPUB; USPAT	OR	ON	2006/11/21 16:25

EAST Search History

S79	1	"5277651".pn. and sorting adj head	US-PGPUB; USPAT	OR	ON	2006/11/21 16:27
S80	1	"5277651".pn. and disc	US-PGPUB; USPAT	OR	ON	2006/11/21 16:27